



BAR CODE MEDICATION ADMINISTRATION (BCMA)

BCMA Backup System (BCBU) InterSystems Cachè Installation Setup

PSB*2*17

Version 2.0
August 2003

Revision History

The table below lists changes made since the initial release of this manual. Update an existing manual with the Change Pages document or print out the entire updated manual.

Note: Some pages in the Change Pages document are unchanged, but provided for two-sided copying only. Only changed pages include the patch number and revision date in the page footer.

Date	Revised Pages	Patch Number	Description
08/03			Original Released Bar Code Medication Administration Backup System (BCBU) Cache Workstation Installation Guide.

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InterSystems Caché Installation Setup

This section illustrates step-by-step installation of CACHE, VISTA and Bar Code Medication Administration Backup System (BCBU) Patch PSB*2*17 on a PC Workstation.

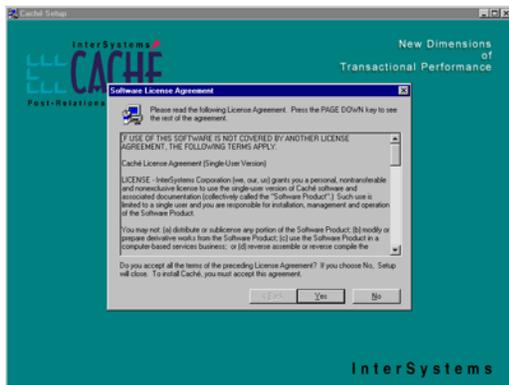
Insert the Caché CD supplied by InterSystems into the workstation. Caché setup should start automatically, if not, navigate to the CD Rom Drive and select Set Up. Double click the Install button and accept the defaults offered by the wizard.

Figure 1



Answer **YES** to accepting the License Agreement and continue with the installation.

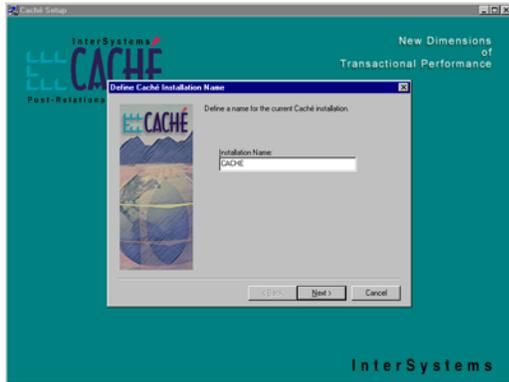
Figure 2



Type **CACHE** as the Installation name as shown in the following screen.

InterSystems Caché Installation Setup

Figure 3



Accept the Standard setup and click Next.

Figure 4



Continue following the instructions and accept the defaults for your system.

Figure 5



InterSystems Caché Installation Setup

Figure 6



If the following message appears, follow the instructions and enter the licensing information from InterSystems.

Figure 7

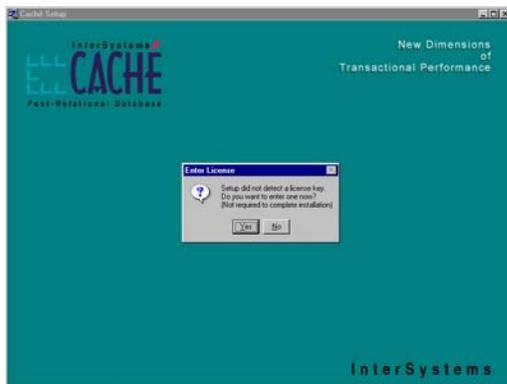
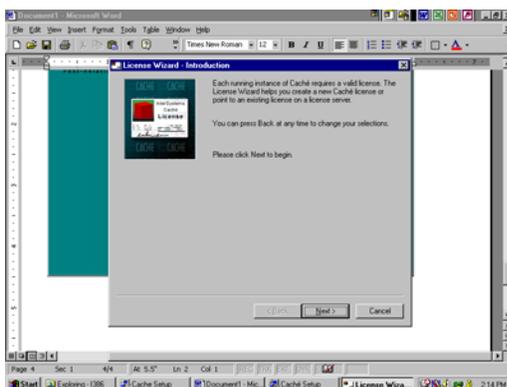


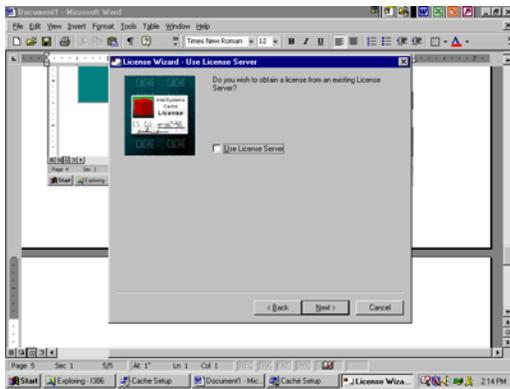
Figure 8



InterSystems Caché Installation Setup

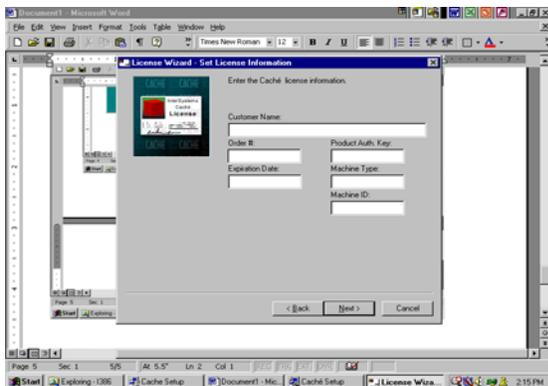
Type in the licensing information as requested in the following screens.

Figure 9



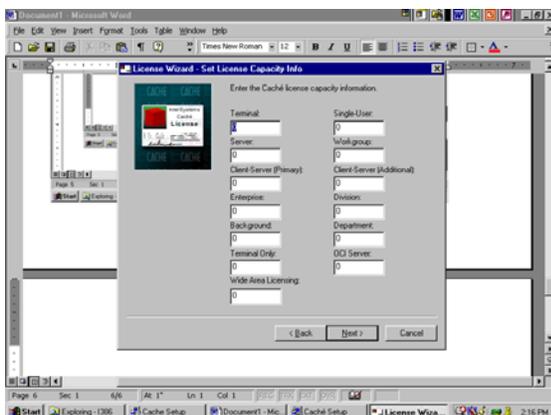
Make sure the Use License Server is NOT selected. Fill out the information with the appropriate information as it pertains to your facility, click **NEXT** to continue.

Figure 10



Enter the license capacity information and then click **NEXT** to continue.

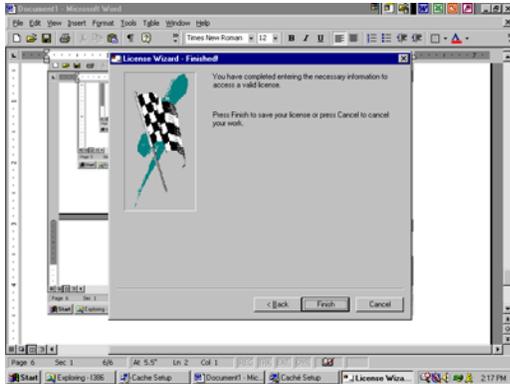
Figure 11



Intersystems Caché Installation Setup

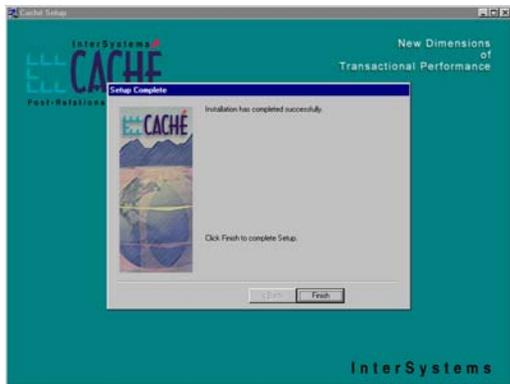
When the licensing information has been entered correctly, the following screen will appear. Click **Finish** to save the licensing information.

Figure 12



Click **Finish** on the following screen, to complete the installation.

Figure 13



Upon the completion of a successful installation, a "Blue Cube" will appear on the PC toolbar in the lower right hand side of the screen.

Figure 14



Right clicking on the cube will display the menu options for CACHÉ.

InterSystems Caché Installation Setup

Figure 15



CACHÉ Configuration Manager

In order to use CACHÉ, it must be configured with databases, namespaces and routines. This is done by using the Configuration Manager located on the CACHÉ menu options.

Figure 16

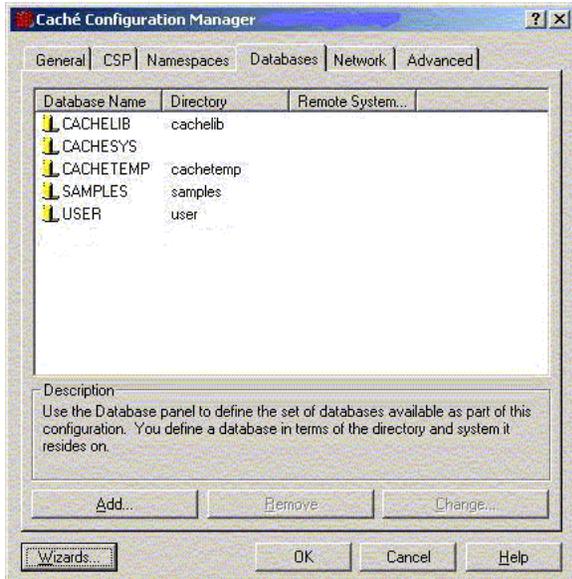


InterSystems Caché Installation Setup

Adding a Database

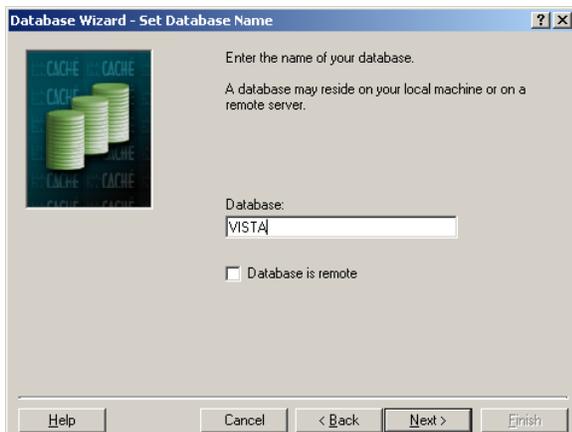
The first step is to add a Database. After selecting Configuration Manager from the CACHÉ menu the following screen will appear.

Figure 17



Select the Database tab and then click on the **Add** button. Type **VISTA** as the name of the database and click **Next**.

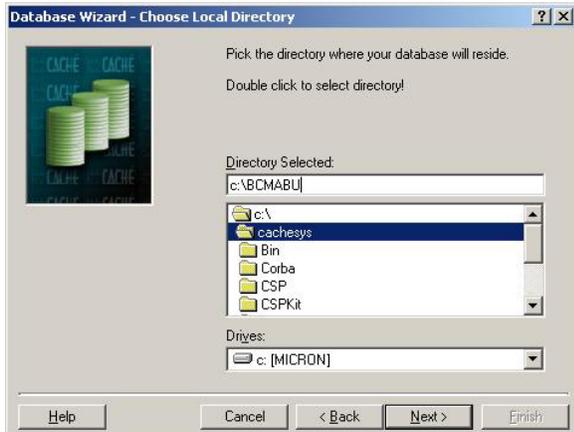
Figure 18



Enter C:\BCMABU into the Directory Selected field, click **NEXT** to continue.

InterSystems Caché Installation Setup

Figure 19



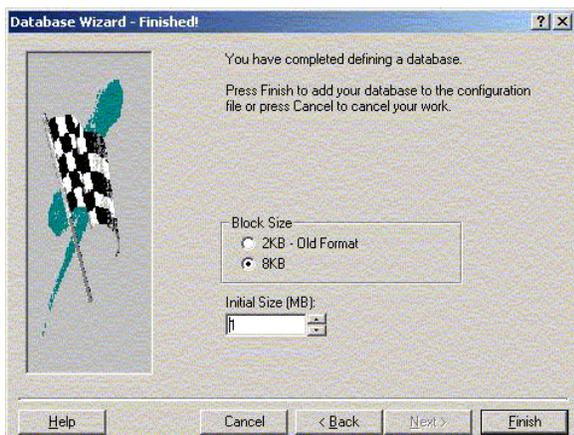
If directory does not exist you will see the following screen, click on **YES** to continue.

Figure 20



Figure 21

Click FINISH on the following screen.



The newly created database should now appear in the box below as C:\BCMABU.

InterSystems Caché Installation Setup

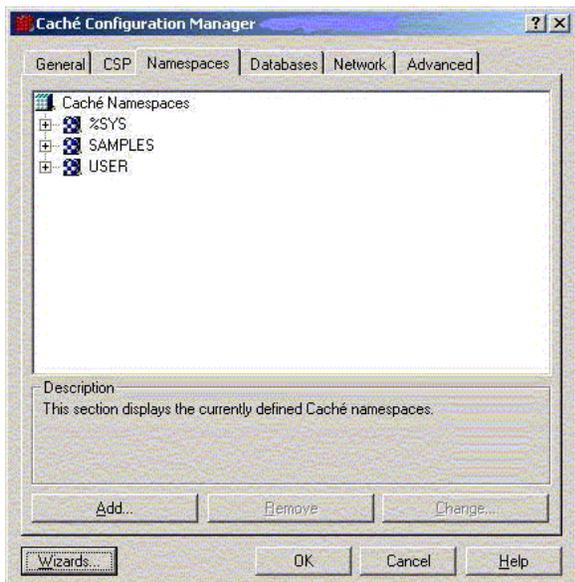
Figure 22



Adding a Namespace

Using Caché Configuration Manager, click on the **Namespaces** tab to create a namespace entitled, **VISTA**, and attach it with the **VISTA** database. Click **Add** to begin.

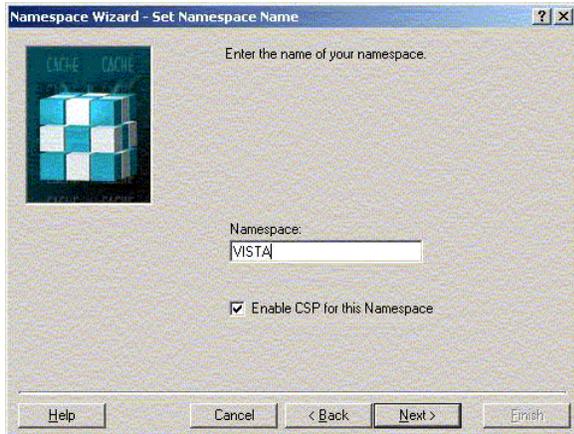
Figure 23



Type **VISTA** as the namespace and continue by clicking **Next**.

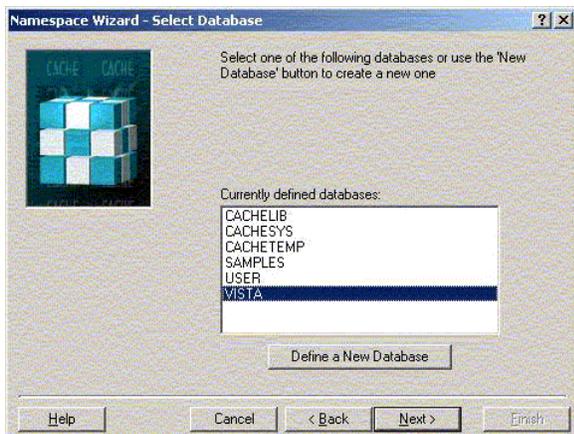
InterSystems Caché Installation Setup

Figure 24



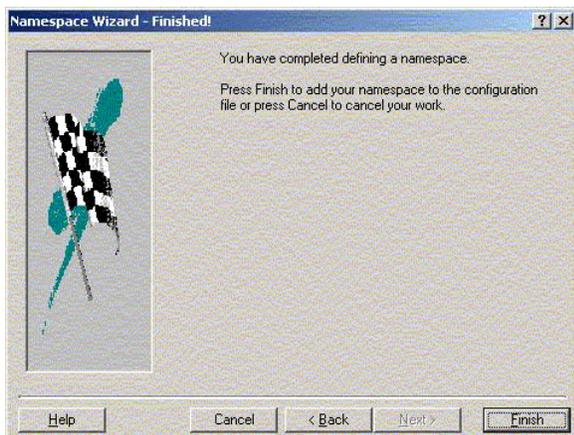
VISTA should appear as the currently defined database. Select and click **NEXT** to continue.

Figure 25



Click **FINISH** to accept the configuration.

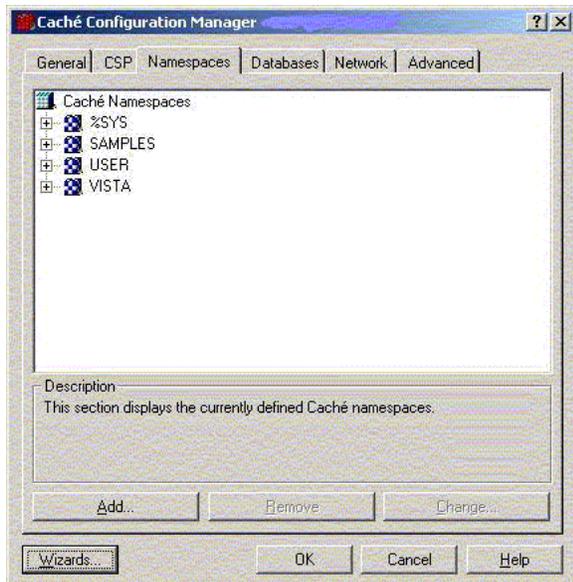
Figure 26



InterSystems Caché Installation Setup

VISTA namespace should be seen in the listing of Caché Namespaces.

Figure 27



Global and Routine Mapping

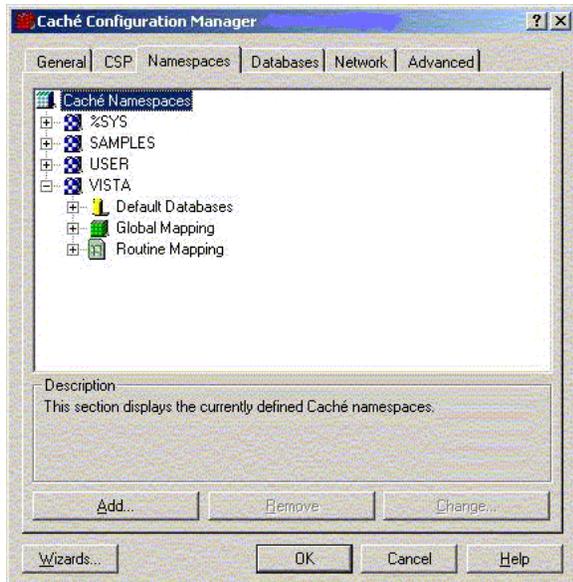
Global and Routine Mappings are created in the same manner and uses the namespace, **VISTA**, which was just created.

Global Mapping

Click the **VISTA** namespace icon to list the options: Default Databases, Global Mapping and Routine Mapping. Highlight the Global Mapping Icon. Then click the **Add** button, to create the global mapping definition as shown in the following slides.

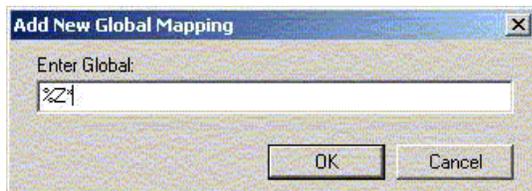
InterSystems Caché Installation Setup

Figure 28



Create the "%Z*" global map definitions by typing %Z* in the space provided. Click **OK** and continue.

Figure 29



Now if Global Mapping is selected, the mapping definition created is visible.

InterSystems Caché Installation Setup

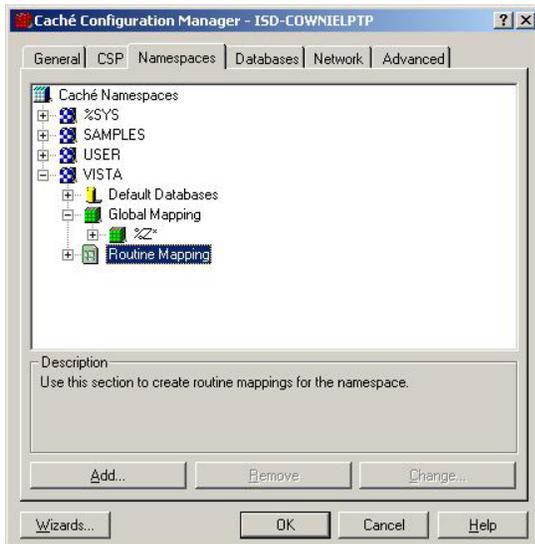
Figure 30



Routine Mapping

The next screens are example of routine mapping and are created in the same manner. Select routine mapping and click on the **Add** button for each one to be added.

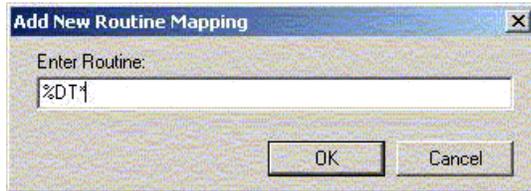
Figure 31



Type in the first routine, **%DT*** in the space provided.

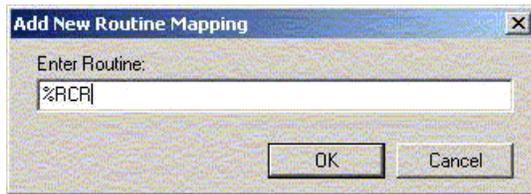
Intersystems Caché Installation Setup

Figure 32



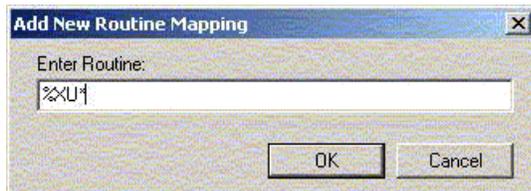
Type in routine **%RCR** to create the next routine mapping.

Figure 33



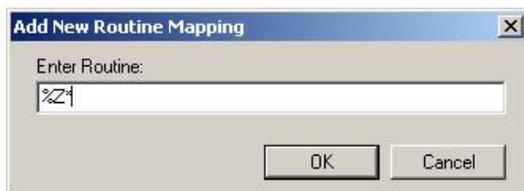
Type in the next routine: **%XU***

Figure 34



The last routine is: **%Z***

Figure 35



Highlight Routine Mapping and icons for the four routines just created will be seen. Click **OK**.

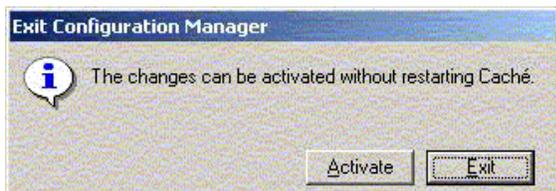
InterSystems Caché Installation Setup

Figure 36



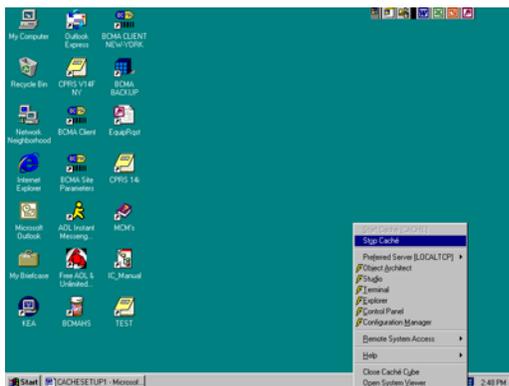
Now select **Activate** to save the changes and continue.

Figure 37



Shut down CACHÉ as shown in the following examples.

Figure 38



Select Shut Down and **OK**.

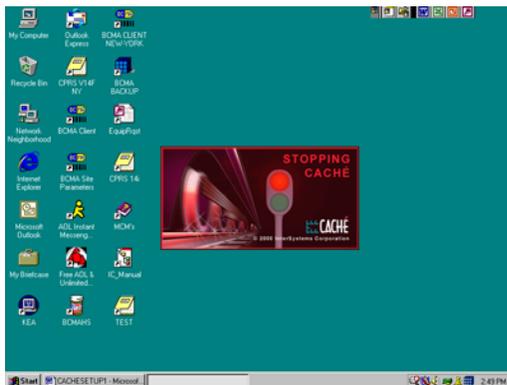
Intersystems Caché Installation Setup

Figure 39



The following screen will appear.

Figure 40



Copying BCMA Configured CACHE.DAT file

Locate the CACHE.DAT file that you downloaded from our FTP site and copy it to the C:\BCMABU folder.

You may receive a message stating the file is already present and do you want to replace it with the file you are importing, if so, answer **YES**.

InterSystems Caché Installation Setup

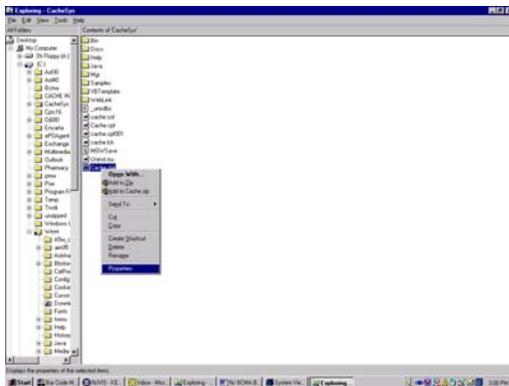
Figure 41



Removing Read/Archive Properties

Using the "Windows Explorer" remove the Read and Archive Properties from the CACHE.DAT file. Right click on the icon of CACHE.DAT and trace to "Properties".

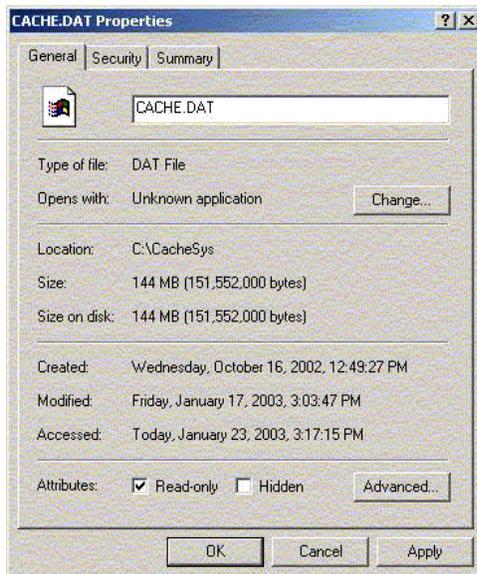
Figure 42



The following screen appears. Click on **Read-Only**. This will deselect these attributes. (Note: This screen shows properties for Windows 2000)

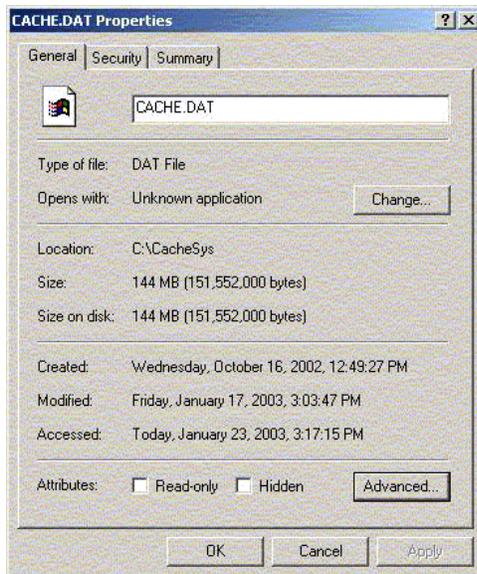
Intersystems Caché Installation Setup

Figure 43



Click the Read-only attribute to deselect it.

Figure 44



Click on OK and it will close the box and save your changes.

InterSystems Caché Installation Setup

Telnet Instructions

Start Cachè.

Figure 45

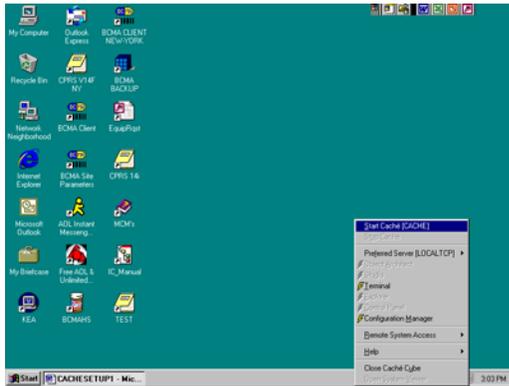
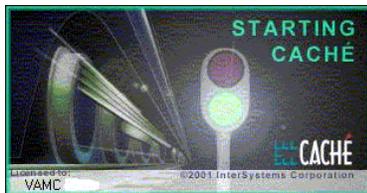
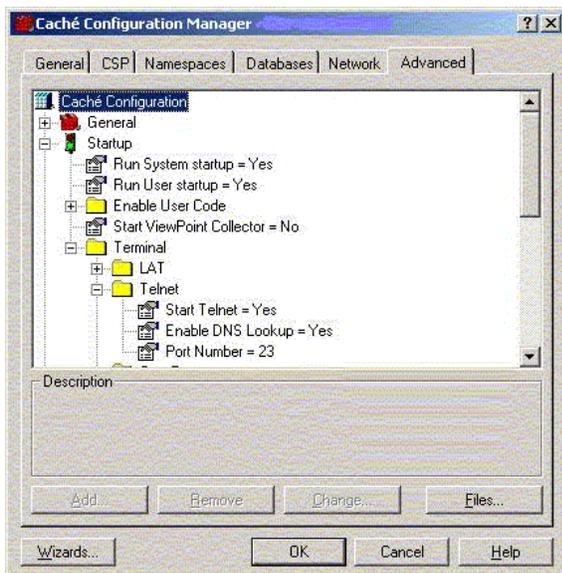


Figure 46



Select Cachè Configuration Manager and select the ADVANCE tab. Check to ensure Telnet is set to YES as shown on the following screen.

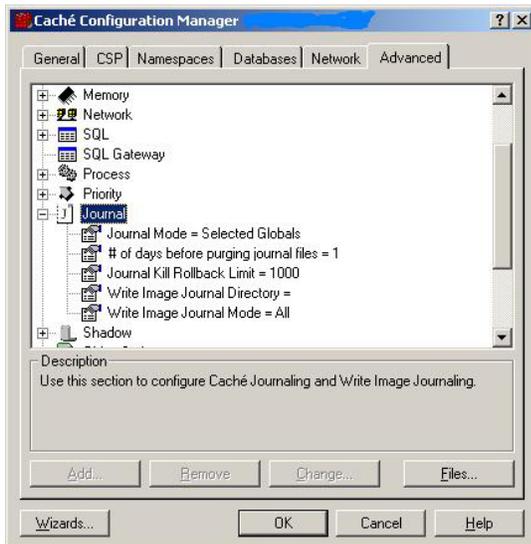
Figure 47



InterSystems Caché Installation Setup

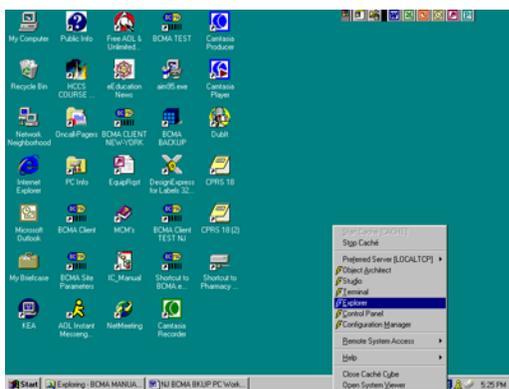
From the Cache Configuration Manager, Advance tab also check to ensure Journaling is set as shown on the following screen.

Figure 48



Using the Cachè menu options, open Cachè Explorer. NOTE: Do not open Windows Explorer.

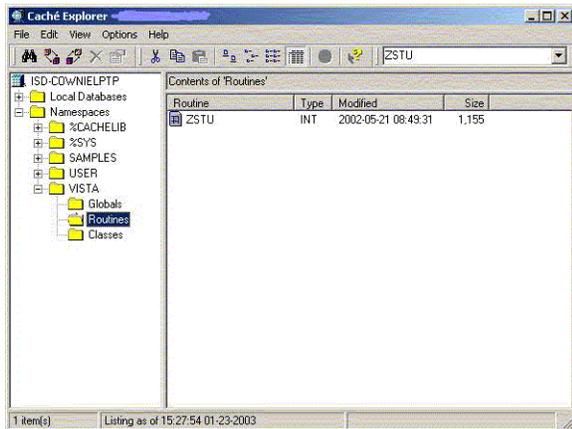
Figure 49



Locate the Routines Folder located within the VISTA folder.

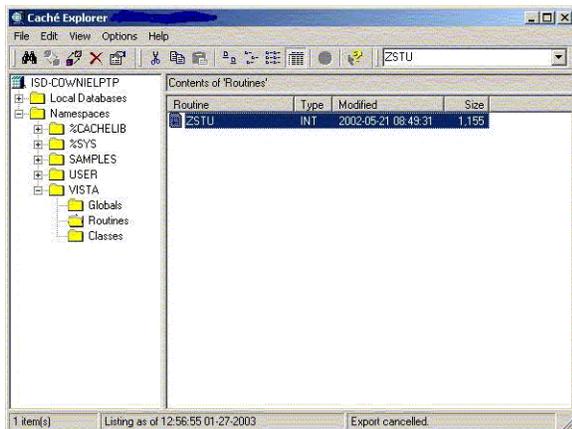
Figure 50

Intersystems Caché Installation Setup



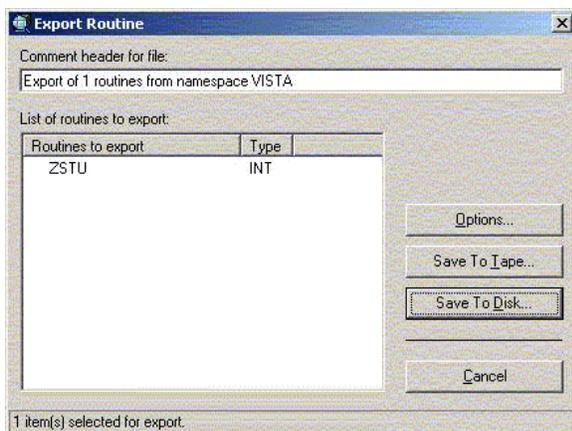
Locate the routine ZSTU and select it.

Figure 51



Export the routine ZSTU from the routine section of the namespace VISTA to the hard drive of the PC.

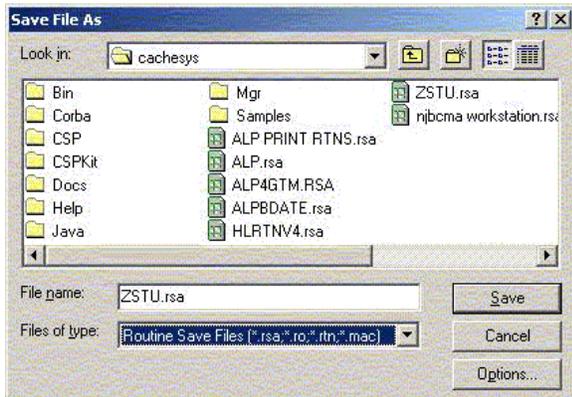
Figure 52



Save as ZSTU.rsa by clicking the "Save to Disk" button.

InterSystems Caché Installation Setup

Figure 53



Then import this routine to the routine section of the namespace %SYS. Select the folder Routines and open the folder.

Figure 54

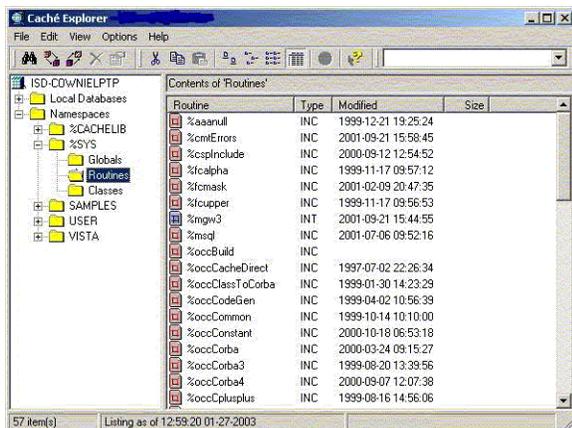
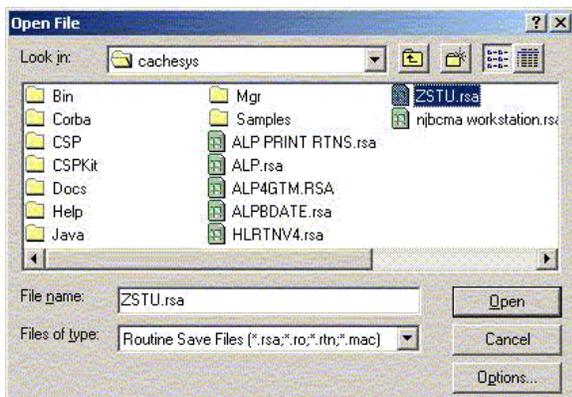


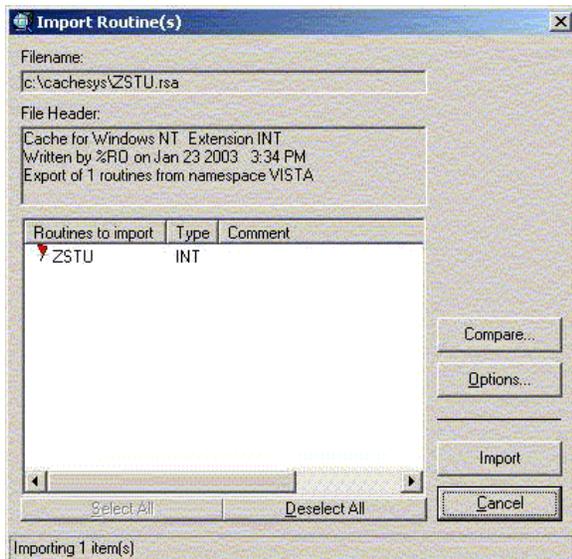
Figure 55



Select ZSTU.rsa and click Open.

Intersystems Caché Installation Setup

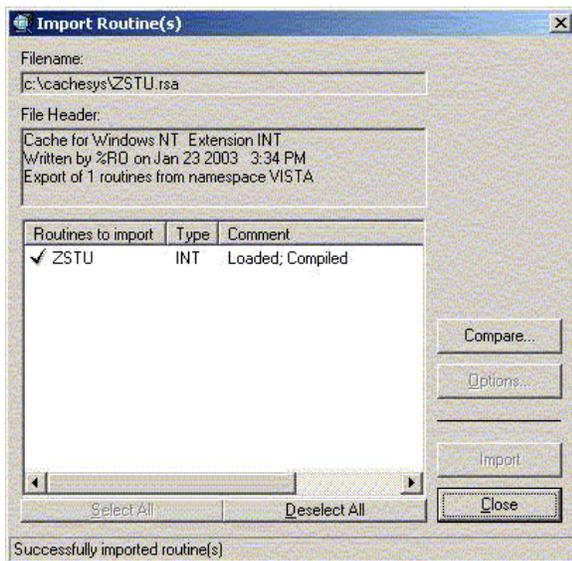
Figure 56



Click on Import.

The next screen shows the import has completed successfully.

Figure 57

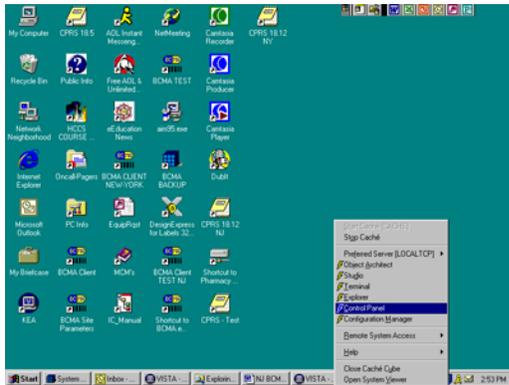


InterSystems Caché Installation Setup

Setting Up Telnet and Terminal Users

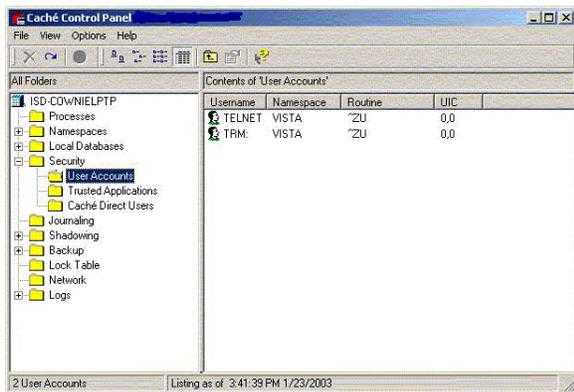
Using the Control Panel set up the Telnet and Terminal Users to start in **VISTA** namespace under the routine ZU. Right click on the blue cube located in the tool tray and go to Control Panel.

Figure 58



Expand the Security folder by clicking on the Plus (+) sign to the left and select User Account. User Accounts will be displayed.

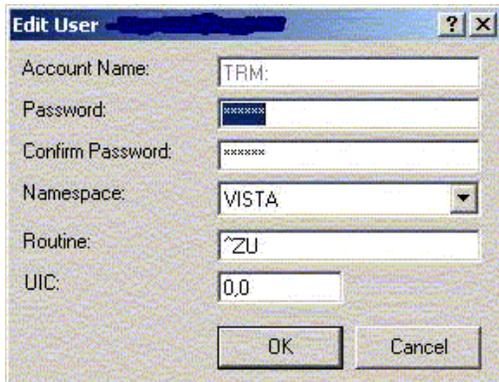
Figure 59



Select the user that needs to be edited, by double clicking on that user. Make sure the namespace is set to **VISTA** and the routine to ^ZU.

Intersystems Caché Installation Setup

Figure 60



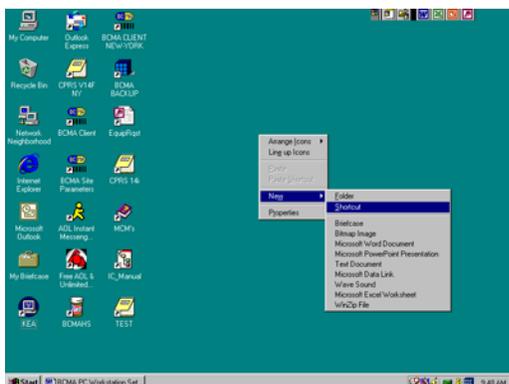
IMPORTANT NOTE: Stop and restart Caché. This will be the BCMA Backup Application. The routine ZSTU start up routine will automatically start up TaskManager.

After this step, ensure you have removed the CACHE Configuration cube from the tool tray and startup menu of all users. It will be kept on the Network Administrator profile and those programmers that will be working with the system. All users should have access to the short cut for Telnet.

Setting up the BCMA Shortcut

Right click anywhere on the desktop, select New/Shortcut.

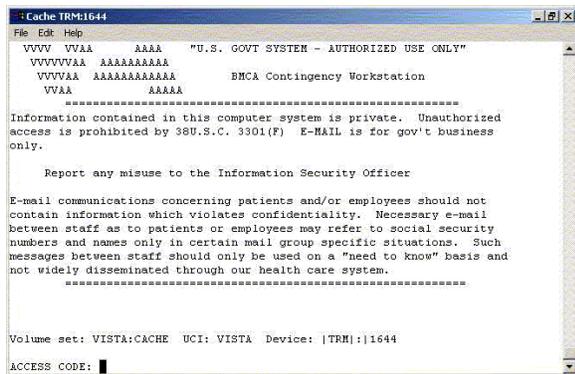
Figure 61



Enter the command line `C:\CacheSys\Bin\css.exe CTERMINAL CACHE` and click Next.

Intersystems Caché Installation Setup

Figure 65



```
Cache TRM1644
File Edit Help
VVVV VVAA AAAA "U.S. GOVT SYSTEM - AUTHORIZED USE ONLY"
VVVVVVAA AAAAAAAAAA
VVVVAA AAAAAAAAAA BMCA Contingency Workstation
VVAA AAAA
*****
Information contained in this computer system is private. Unauthorized
access is prohibited by 38U.S.C. 3301(F) E-MAIL is for govt business
only.

Report any misuse to the Information Security Officer

E-mail communications concerning patients and/or employees should not
contain information which violates confidentiality. Necessary e-mail
between staff as to patients or employees may refer to social security
numbers and names only in certain mail group specific situations. Such
messages between staff should only be used on a "need to know" basis and
not widely disseminated through our health care system.
*****

Volume set: VISTA:CACHE UCI: VISTA Device: |TRM|:|1644
ACCESS CODE: █
```